



EPW 1614

Docket No.: 788-027

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT OPERATIONS

In re Application of:)
)
Dagmar Antoni-Zimmermann, et al) Group Art Unit: 1614
)
Serial No.: 09/509,932) Examiner: Jagoe, Donna A.
)
Filed: September 13, 2000)

For: **SYNERGISTIC BIOCIDES COMPOSITION**

New York, NY 10036
August 12, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is being filed under the provisions of

37 CFR§1.97.

US 5,190,944

Discloses synergistic microbicidal combinations containing 3-isothiazolone and commercial biocides.

US 5,466,818

Discloses 3-Isothiazolone Biocide process.

Karl Phipps at the Society of
Tribologists and Lubrication
Engineers

Discloses efficacy and stability of a New Methyl-Isothiazolone Biocide for metalworking fluid concentrates.

“Kordek® 50 C”

Discloses biocide for use in metal working fluid concentrates.

Rohm and Haas Co. Material
Safety Data Sheet

Discloses Kordek™ 50 C industrial microbicide.

WO 00/06675 with a
copy of the Priority
Document DE 19833894.5

Discloses water-miscible cooling lubricant concentrate.

"IPBC Preservative Combination Systems for Material Protection", Rainer Gruening, Cosmetics & Toiletries Magazine, Vol. 112, page 59-63, April 1997

Discloses an iodopropynyl derivative is now used extensively in cosmetics and personal-care products.

"Extract from KEMI publication, Markning av Kemiska Produkter", dated 1993.

Cited by the EP Examiner.

US 5,759,786

Discloses synergistic microbicidal combinations containing 2N-octyl-3isothiazolone and certain commercial biocides.

US 5,131,939

Discloses synergistic microbicidal combinations containing 4,5-dichloro-2-octyl-3isothiazolone and certain commercial biocides.

US 5,219,875

Discloses antimicrobial compositions comprising iodopropargyl butylcarbamate and 1,2-benzisothiazolin-3-one and methods of controlling microbes.

5,328,926

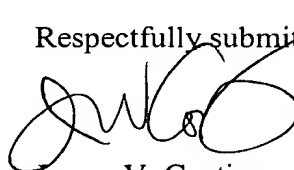
Discloses synergistic combinations of iodopropargyl compounds with 1,2-benzisothiazolin-3-one in controlling fungal and bacterial growth in aqueous fluids.

EP 0 363 011

Discloses biocide compositions.

Authorization is given to charge any required fees to Deposit Account No. 08-1540. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



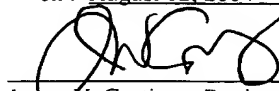
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Registration No. 25,669

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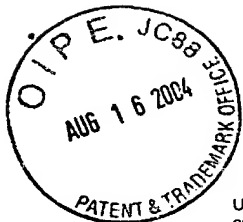
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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Alexandria, VA 22313-1450

on : August 12, 2004



James V. Costigan, Registration No. 25,669



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Complete if Known | |
| | | Application Number | 09/509,932 |
| | | Filing Date | September 13, 2000 |
| | | First Named Inventor | Dagmar Antoni-Zimmermann |
| | | Art Unit | 1614 |
| | | Examiner Name | Jagoe, Donna A. |
| Sheet 1 | of 2 | Attorney Docket Number | 788-027 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials ² | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ³ (if known) | | | |
| | AA | US- 5,190,944 | 3/2/1993 | Hsu | |
| | AB | US- 5,466,818 | 11/14/1995 | Petigara | |
| | AC | US- 5,759,786 | 6/2/1998 | Hsu | |
| | AD | US- 5,131,939 | 7/21/1992 | Hsu | |
| | AE | US- 5,219,875 | 6/15/1993 | Sherba, et al | |
| | AF | US- 5,328,926 | 7/12/1994 | Oppong | |
| | AG | US- | | | |
| | AH | US- | | | |
| | AI | US- | | | |
| | AJ | US- | | | |
| | AK | US- | | | |
| | AL | US- | | | |
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| | AT | US- | | | |

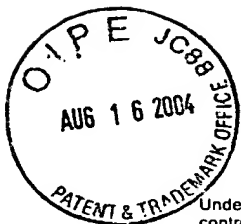
| FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials ² | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | AU | WO 00/06675 | 2/10/2000 | Fuchs Petrolub AG | | |
| | AV | EP 0 363 011 | 4/11/1990 | Rohm and Haas Co. | | |
| | AW | | | | | |
| | AX | | | | | |
| | AY | | | | | |
| | AZ | | | | | |

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|-----------------------|--------------------|
| Examiner Signature | Date Considered |
|-----------------------|--------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/088 (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|--|--------------------------|--------------------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Complete if Known | |
| | | Application Number | 09/509,932 |
| | | Filing Date | September 13, 2000 |
| | | First Named Inventor | Dagmar Antoni-Zimmermann |
| | | Group Art Unit | 1614 |
| | | Examiner Name | Jagoe, Donna A. |
| | | Attorney Docket Number | 788-027 |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|--|--------------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | AA | Fax dated 8/13/2003 from Karl Phipps at the Society of Tribologists and Lubrication Engineers, together with a cover sht to the Program Guide for the STLE Annual Meeting held May 17-21 1998 at Detroit Michigan, USA and abstract of a presentation, and slides | |
| | BB | Kordek® 50 C" - Biocide For Use in Metalworking Fluid Concentrates - Brochure Kor50C-TB-04/95 of Rohm and Haas Company, published 1995 | |
| | CC | Rohm and Haas Co. Material Safety Data Sheet for Kordek™ 50 C Industrial Microbicide | |
| | DD | "IPBC Preservative Combination Systems for Material Protection", Rainer Gruening, Cosmetics & Toiletries Magazine, Vol. 112, page 59-63, April 1997 | |
| | EE | Extract from KEMI publication, "Markning av Kemiska Producter", dated 1993. | |
| | FF | | |
| | GG | | |
| | HH | | |
| | II | | |
| | LL | | |
| | OO | | |

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| Examiner Signature | | Date Considered | |
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